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1		STATUS REPORT
		for Period
		1 Sept. through 30 Sept. 1968
		Submitted under Contract to
P		U. S. Government
		STAT
		File No. 11038
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			· .
		This document is presented as the Monthly	
	erione de la companya	Status Report under contract to the U.S. Government,	STAT
		The report period represented herein covers the period of 1 September through 30 September 1968.	
			STAT
,			STAT
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## APPENDICES

Progress Report, September 1968

Appendix I

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7	
⇒ ¬	PROGRAM STATUS
7	Summary as of September 30, 1968
_	
7	Scheduled percentage of program completed - 28.5%
<b>ゴ</b> _	Actual percentage completed this date - 28.0%
_	Overall program progress, with the exception of several
5	
7	minor adjustments, has been proceeding according to plan. Several
	vendors have reported that they anticipate some delay in their delivery
	schedules which necessitated our making some revision to detailed
H	plan. These revisions, however, are of a work-around nature which do
	not affect the total program.
	As the individual task reports show, inspection and
	checkout of electronic chassis is proceeding normally, and in-plant
	production is on schedule.
_	We anticipate no major problems in the immediate future.
_ _	
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		Task 01	Statements of Preparation	Work, Specific	cations, Re	port		
П	•				;			
	•		Scheduled perd	centage of com	pletion	27%	•	
			Actual percent	age of complet	ion	27%		
		÷ :					. ,	• •
Ы			Subcontractor'	s progress rep	orts are bei	ng received	l	
		and transmitt	ed with each mor	nthly status re	port submiti	ted by	]	STAT
	÷ ·		These status r	eports, which	are include	d under		
1		the appropria	te task headings	, indicate that	schedule r	equirement:	5	
		are being met					·	
			Any revision to	o, or additiona	l specificat	tions which		
		may be requir	ed, will be prepa	ared and subm	itted immed	iately for		
		approval.		•				
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Task 02	Scheduling and Planning		
	Scheduled percentage of completion  Actual percentage of completion	27% 27%	
	Detailed schedules for machine assembly		<b>СТ</b> А
contractor hav	e been implemented. These schedules inc	-	STA
meet the	subcontractor's requirement that the opton December or before.		STAT

Schedules for the test programs are currently being

detailed and will be issued in November.

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	Task 03 Test and Inspection Procedures
	Scheduled percentage of completion 20%
	Actual percentage of completion 17%
	Test procedures are being written as required for
П	inspection and test of completed subassemblies/assemblies.
	Many of these procedures will be incorporated into the overall
	test procedure which is scheduled to be written during the early
	part of 1969.

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			÷.,
<b>-</b>			
		Task 04 Management, Administration and Supervision	
		Scheduled percentage of completion 27%	
		Actual percentage of completion 27%	
_			
		During this report period, visited with	STAT
		sponsor personnel at the installation site to review and resolve	
		technical situations relative to computer programming and associated	
		problems. In addition, attended a meeting at the	STAT
		installation site to resolve various questions pertaining to layout	
		and installation, and to coordinate future interface work. This	
		meeting resulted in mutual agreement on the solution to these questions,	·
		and our plans for installation will be formulated on this agreement.	
		Other management effort during this report period has	
		been routine, with no major problems other than those reported in the	
		individual tasks.	
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<del></del>		•	·		
	Task 05	Meetings	-		
<b>-</b>					
		Schodulad parameters of		•	
· ·		Scheduled percentage of	•	27%	
		Actual percentage of com	pletion	27%	
7		•	•		
<b>=</b> ' · ·		There were no formal mee	etings schedule	ed for this	e de la companya de l
7	report period.		Program Mana		STAT
<b>=</b> i .		Technical Director met w	<b>-</b>		·STAT
		Technical Director, met w			
- -		ss several items of interes		iisclosed	
<b>a</b>	in the facilitie	es design of the installation	on site.	•	
		This meeting and the resu	ults of same ar	e discussed	·
	under Task 04	- Management, Administra			
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			·
	Task 06	Facilities Requirements	
	. •	Scheduled percentage of completion	50%
		Actual percentage of completion	45%
		During this report period, the machine pad	has been
	poured and the	layout of air conditioning equipment on this	s pad has
	been prepared	and approved.	
		Purchase orders have been placed and satis	sfactory
	delivery dates	obtained for all required Clean Room equipm	nent.
<b>.</b>		Detailed schedules for Clean Room start-up	o have
	also been prep	pared and approved.	
	:		
<b></b>			

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	Task 07 ·	Main Frame	and Structu	ral Elements		
		· ·				
	•	Scheduled	percentage o	f completion	98%	
	•	Actual perc	entage of co	mpletion	93%	
					·	٠
	•	As reported	last month	the main fran	no vuhiah ia	
	the basis for t					
	the basis for t	ne Stereocon	nparator nas	been installe	d in the	
	Clean Room.		,			
		Subassembl	lies, as they	are complete	ed, will be	
	mounted to thi	s structure.				
		Additional v	work on this	task will incl	ude the	
	removal of the	optical brid	ge support fo	or transfer to	the optics	•
	subcontractor	for installati	on of the op	tics. Upon re	eturn of the	
	assembly to	·		be required to		STAT
•	bridge to the r	main frame.				
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	•	Task 08	Skin					
							•	1
<b>-</b>			Scheduled percen	itage of comp	letion	20%		·
		·	Actual percentage	e this date		18%		
			The aluminum ski		•	·		
		being fabricat	he various subasse		: Ste <b>r</b> eocon	nparator is		STA
		being labricat	ed by the shop  During the month		portions	of the ski		OTA
		which will how	use the utilities an				.•	-
		machine were		• •				
		e e e e e e e e e e e e e e e e e e e	Fabrication of the	e skin is sche	eduled to c	oincide wi	th	
		the completion	n of the various su	bassemblies.				
<b>5</b>			r or the various su				Jij.	
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- 1 00			
Task 09	Granite and Ways Assembly for Stages		
	Scheduled percentage of completion	78%	
	Actual percentage this date	72%	
	The right hand granite base, one of the	e twelve granite	
sections requir	red by this task, was received and inst	alled during	
the month of Se	eptember. The holes and brass plugs n	ecessary for	
the mounting o	of subassemblies onto the granite were o	drilled and	
tapped by the	shop.		ST
tapped by the			
•			
·	Because of production difficulties, it	was necessary	
for the vendor	Because of production difficulties, it to reschedule the left hand granite base		•
•		e for the week	
•	to reschedule the left hand granite base	e for the week	
of October 4,	to reschedule the left hand granite base	e for the week	
of October 4,	to reschedule the left hand granite base	e for the week	· · · · ·
of October 4,	to reschedule the left hand granite base	e for the week	
of October 4,	to reschedule the left hand granite base	e for the week	
of October 4,	to reschedule the left hand granite base	e for the week	
of October 4,	to reschedule the left hand granite base	e for the week	
of October 4,	to reschedule the left hand granite base	e for the week	
of October 4,	to reschedule the left hand granite base	e for the week	

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6. 6							
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<b>d</b>				·		•	
	Ta	ask 10	Air Bearings	•			
			Scheduled percen	tage of completio	n 50%		
			Actual percentage	e this date	50%		
	•						•
			The first portion	of this task, fabr	ication of		
	th	ne air bearing:	s used to support	and guide the two	stages, wa	as	•
П	Co	ompleted in Ju					
<b>.</b>			•	tallation of the a			
				f of this task is s			
				e stages to the gr during the next r		•	
6	V V	e difficipate	ints work to begin	during the next i	nontin.		
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<u>L</u>			
			•
		Task 11 Stage Drives	
— 日		Scheduled percentage of completion 51%	
B		Actual percentage this date 44%	,
Ц	•		
	· •	A portion of the mechanical components of the stage	
П		drives has been assembled. The work done so far includes assembling	
		the "Y" axis stage drive to the castings and the assembly of the "X"	
		axis stage drive to the drive motor support.	
		A total of 12 servo and control chassis are required for this task. These consist of:	
П	•	4 - servo amplifiers	
		4 - 23-Bit D/A converters	•
		2 - stage test chassis used	
		<ul> <li>2 - stage limit relay interlock chassis (safety devices to control stages)</li> </ul>	
	i i i i i i i i i i i i i i i i i i i	All of these chassis have been received from the vendor	
		with the exception of one stage test chassis which is scheduled for	
		delivery the first week in October.	
	• .	Approximately 50% of the chassis received have been	•
		bench tested in the shop.	STAT
		The shop is in the process of fabricating and	STAT
		assemblying inter-connecting plugs on the chassis. Completion of this	
	•	work is expected to be within two weeks.	
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-	Task 12 Film Driv	ve and Transport S	ystem		
± -					0
	Schedule	d percentage of c	ompletion	50%	•
	Actual co	ompletion this dat	е	42%	
	,				
	The film	drive assemblies	which were fo	abricated in	
	June have now been rele	ased from storage	and assembl	ed with the	•
<b>=</b>	platen frame.		· .		•
	Breadboa	rd test services h	ave been set	up, connecting	
- -	the film drive to a subst	itute electronic c	ontrol system	for checkout.	
<u>.</u>	A field e	ngineering trip wa	s made to the	e vendor who is	
- <b>1</b>	supplying the various el	ectronic chassis	required for the	ne film drive	
<b>-</b>	assembly. Although all	of the chassis ha	ve been esse	ntially complete	d,
	was not able to acc	ept them for deliv	ery because o	of minor correction	ons STAT
	which were necessary.	Another field eng	ineering trip	s planned for th	e
<b>-</b>	first week in October, a	nd it is expected	that the chas	sis can be	
<b>3</b>	released for delivery at	that time.			•
·	As soon	as these are recei	ved, bench to	ests will be set	
_ 	up for chassis checkout	performance.			
		<b>.</b>			·
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<u>.</u>	Task 13	Film Platen and Film Clam	nina	
	100% 10	· · · · · · · · · · · · · · · · · · ·	ping	
- -			•	
<b>_</b>		Scheduled percentage of co	ompletion 27%	•
7		Actual percentage this date	e 12%	
7		The film platen and clamp	were released from	
<b>≟</b> _ ·	storage for tria	al assembly. The substitute		
<b>3</b>		r use in the trial assembly	nas been received	and
	installed.	. •	·	
7		The vacuum clamp has bee	n installed to the	
<u></u>	platen and che	ckout of this subassembly w	will begin this mon	th.
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R					
		We also 1.4	Film Caaling		
	•	Task 14	Film Cooling		
П			Schoduled pergentage of completion	100	
<u>_</u>		•	Scheduled percentage of completion	18%	
	•	·	Actual percentage this date	1076	
			During the recent meeting with the cu	stomer	
P P		discussions w	ere held on the air supply and refrigera		
	•	the film coolir			
		THE THE COOTE	IG 34216III.		
П		the min coom	•	system are	
			As soon as the requirements for this s	;	ΑT
		resolved,	As soon as the requirements for this swill incorporate these specifications i	;	АТ
			As soon as the requirements for this swill incorporate these specifications i	;	AT
		resolved,	As soon as the requirements for this swill incorporate these specifications i	;	ΑТ
		resolved,	As soon as the requirements for this swill incorporate these specifications i	;	AT
		resolved,	As soon as the requirements for this swill incorporate these specifications i	;	АТ
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		resolved,	As soon as the requirements for this swill incorporate these specifications i	;	AT
		resolved,	As soon as the requirements for this swill incorporate these specifications i	;	АТ
		resolved,	As soon as the requirements for this swill incorporate these specifications i	;	АТ
		resolved,	As soon as the requirements for this swill incorporate these specifications i	;	AT
		resolved,	As soon as the requirements for this swill incorporate these specifications i	;	AT
		resolved,	As soon as the requirements for this swill incorporate these specifications i	;	AT

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.— П			
		Tasks 16, 17, and 18 Viewing Optics, Viewing Illumination	
<u> </u>		Reticle Projector and Illumination	
Ц	•		
		Scheduled percentage of completion 16%	
		Actual percentage this date 14%	
		The monitoring trip to optical sub-	STAT
		contractor performing the above tasks, was postponed until the	
		month of October. It was felt that inasmuch as had	STAT
		just returned to work the first of September following their annual	
P		one-month shutdown, it would be more effective to check their	
Ы	•	progress after they had resumed operation for a month or more.	
		One of the major points which plans to discuss	STAT
H		with is the interface of the optical system with the other	STAT
Ь		subassemblies of the Stereocomparator. A list of details concerning	
		this interface was prepared and sent to for discussion with	STAT
		personnel in October.	STAT
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4.			
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•	Task 20	General Platen Illumination	
	1d5K 20	General Flaten Infilmination	
		Scheduled percentage of co	mpletion 45%
		Actual percentage this date	41%
• . •			
		D =	
		As reported previously, the	
	system has be	een fabricated, parts inspecte	ed, and is in storage
	awaiting fina	l assembly.	
		The electrical chassis requi	ired for this system
•	has been com	· ·	the exception of the STAT
			the shooption of the
	installation o	f two RFI-proof, high voltage	connectors. Delivery
	of these conn	ectors is expected within the	next month at which
<b>4</b> 6 €	time the	shop will complete this assem	obly. STAT
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•				
	Task 21 Optical B	ridge and Supports		
•				•
•	Scheduled	d percentage of completion	78%	
	Actual pe	rcentage this date	69%	·
	The optic	al bridge, consisting of the	center bridge,	
	right and left hand bridge	es, and optical supports (cas	stings) has	
-	been received. The	shop is now in the process of	of painting the	STA
•	castings per government	specifications before mounti	ng on the	
	granite bases.	· ·		
	The actua	al mounting of the optical brid	dge in position	
	to abodulod to bout ab	e first week of October.		
	is scheduled to begin the			
	is scheduled to begin the		•	
	is scheduled to begin the		•	
	is scheduled to begin the			
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	is scheduled to begin the			
	is scheduled to begin the	-18-		

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			٠,	•
	Task 22	Interferometer Assembly		
		Scheduled percentage of completion	39%	
		Actual percentage this date	32%	
		As reported last month, the mechanic	al components	
	for the inter	ferometer assembly, consisting of the la	sers, mirrors	
	and beamsp	litters, have been received. These comp	oonents have	
	been assem			STAT
		The electronic circuitry required for t	his assembly	
	has also be	en received and stored.		
		The assembly of the mechanical comp	onents to the	
	electronic o	circuitry will begin in the shop in Oc	tober.	STAT
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7		Task 23	Optics Drive As	sembly			
ⅎ			• .				
			Scheduled perc	entage of con	mpletion	28%	
-7	. •		Actual percenta	ge this date		26%	·
٦		•					
		·	The optics drive	e control sys	tem consist:	s of 18 servo	**************************************
7		and control ch	assis assemblie	s used to cor	ntrol the opti	ics portion	+ 11 T
_		of the Stereoco	omparator. Two	servo amplif:	iers have be	en received	
7		from the vendo					
_	• • • • • • • • • • • • • • • • • • • •		Since the optic	s drive mech	anical asser	nbly is an	
_		integral part o	f the complete o		•	_	ves
7			with the delivery			, 0-, 000 0-, 0	· • · · · · · · · · · · · · · · · · · ·
⊐ ¬			In order to perf	-		n the various	·control
]		cyctom compo	nents, a breadbo				
7						-	
<i>⊒</i>			l from stock gear		_	_	
_		•	semblies have be				
_		,	ick and control p		•		
3			the simulation e				
_		stabilization.	This work will	be completed	d in the earl	y months of	1969.
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	Task 24 Image Analysis System		
	Scheduled percentage of completion	9%	
	Actual percentage this date	9%	
	During the early part of September,	personnel	STAT
	visited facilities to negotiate the subcontract of	overing the	STAT
	fabrication of the Image Analysis System.		•
	Modifications to Specification No.	, 10, Image	STAT
	Analysis System Requirements for the Ultra-High Prec	ision	
	Stereocomparator were mutually agreed upon by both		STAT
	personnel.	•	STAT
	A copy of the	was sent	STAT
<b>.</b>	to the customer and subsequently approved. Three co	pies of the	
	subcontract were then sent to for their approval a	nd signature.	STAT
	We have been advised by that signed contract wo	uld be	STAT
	returned to us the first week in October.		
	•		

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	Task 26	Digitizing Logi	c Subassembly		
		Scheduled perc	entage of complet	ion 46%	
		Actual percenta		48%	
		The electronic	chassis required	for the digitizing	
	logic su	bassembly are being b			
	for asse	embly into the system.			
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Task 27	Metric Readout			
	•	•		
	Scheduled percen	tage of completio	n 50%	•
:	Actual percentage	this date	55%	
	* *;	•		
	All of the compon	ents required for	the metric read	out
have been re				
nave been re				
	The plugs require	+		·
chassis for t	this system with other	er chassis in the	control console	<b>!</b>
have been in	istalled.			
	Bench tests of the	e chassis are bei	ng performed.	
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		Task 28 Output Logic and Interfaces	
		Scheduled percentage of completion 27%	
		Actual percentage this date 45%	
		Work is in progress in the shop on checking	STAT
		out the various electronic chassis required by this task. The	
		installation of the interconnecting plugs is also being accomplished by the shop.	STAT
Ь		The remaining chassis required for the interface	
		of the output logic with other systems are in the process of being	
		fabricated by an outside vendor. Delivery date scheduled for these chassis is scheduled for the first week of November 1968.	
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		Task 29	Cabling		
			·		
			Scheduled percentage of co	mpletion 32%	
	•	•	Actual percentage this date	37%	
				. •	
			The percent progress of the	cabling required to	
	• • • • • • • • • • • • • • • • • • •	interconnect t	he various electrical and ele	ectronic elements bei	ing
		assembled in			STAT
	•	•	•		
		Cabinet	#1	78%	
			(Stage drives, film drive ar transport system)	nd	
		Cabinet	#2	17%	
			(Optics drive, interface with Analysis System)	th Image	
		Cabinet	: #3	60%	· .
		. •	(Metric readout, output log interfaces) .	ic and	
		Electric all cab	al arrangement (floor interco	nnection of	
Ы		Control	Console	23%	
		Display	Panel	10%	
	· · · .	Optical	Bridge	5%	•
		Stage A	ssembly	11%	
戸	· · · · · · · · · · · · · · · · · · ·				
		•	-25-		·

Task 30

Control Console and Chair

Scheduled percentage of completion 48%

Actual percentage of completion 46%

The control console base and the two control panels have been fabricated and assembled with the mechanical components. Completion of the mechanical portion of this assembly has been delayed due to the delay in the delivery of the switch assembly (keyboard) and meters in the display panel. The vendor has promised delivery of these components the first week of October.

The electronic chassis constituting the power supply for the console is still scheduled for completion on November 1, 1968.

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7		Task 32	Computer		.*		
_			•				
<b>_</b>	•		Scheduled percen	tage of complet	ion 78%	•	
7			Actual percentage	this date	95%		
_			•		·.		* •
] ]			The DDP 516 com	puter has been	received from		
-			and has	been installed i	n the Clean Room	1.	STAT
_		Representative	es from	spent one week	at the facili	ties	STASTAT
		installing the	computer and expl	aining various f	acets of the mach	ine's 🛫	
_	e e e e e e e e e e e e e e e e e e e	operations to	personnel.	:			STAT
<b>-</b>		•	The computer has	been mounted of	on a temporary		
		rack and is be	ing used by	personnel	in the developme	ent	STAT
7		and preparation	on of the computer	program.			
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П		Task 33	Electronic Rack	s and Control	Cabinets		
B			Cabadulad				, e
	- -	•	Scheduled percenta		pletion	38%	
		•	Actual percenta	ge this date	·	25%	;
			The electronic	cabinets to ho	use the ele	ctronic	
F		assemblies an	d cables have be	en re-schedul	led for deliv	very the	•
		middle of Octo	ber.				
	•		For the purpose	of storage, to	emporary el	ectronic	
П			en installed in th				
		•	emblies will be a			ending the	
		delivery of the	cabinets ordere	d for this task	•		* ×
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Task 34	Utilities, Vacuum and Air Systems		
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<u>.</u>	Cahadulad nargantage of gampletion 250	D/	
	Scheduled percentage of completion 259		
	Actual percentage this date 279	<b>%</b>	
	Fabrication of the utilities, vacuum and air		-
systems has	s been delayed due to the re-scheduling of the		
utilities cal	oinet by the vendor.	•	
7	The electrical components required to opera-	te	
the utilities	s are in the process of fabrication by an outside	vendor.	:
	cent field engineering trip made to monitor the v		
<b>_</b>		,	
progress, it	t was learned that 90% of the components neces	sary for	
the electric	al control chassis have been received, with del	livery of	
the complet	ed chassis scheduled for November 1, 1968.		
<b>3</b>	The shop is building the lamp operating	hours STA	Т
meter panel	which will show elapsed operating time for eac	h of the	:
main illumi	nation and reticle arc lamps in the machine.		
3			
<b>.</b>			
<b>_</b>			

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		A.			
	Task 35	Vibration Absorpti	on and Leveling		
		Scheduled percent	tage of completion	60%	
r		Actual percentage	this date	60%	
•			4		,
		The vibration abs	orption and leveling	equipment	٠
	has been ins	talled in the Clean	Room awaiting the m	ounting of	
	the right and	l left granite bases.			•
		The checkout of t	he vibration absorpt	ion and	
	leveling sys	tem by	has been re-sched	uled for	STAT
	the month of	October.			
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	Task 36	Overall Assembly		•
•			•	
		Scheduled percentage of co	mpletion 02%	•
				•
		Actual percentage this date	027c	
		Overall assembly of the Ste	ereocomparator has	
				•
	begun with th	e mounting of the right hand	granite base to the	
	main frame.			
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		Task 37	Radio Frequenc	v Noise S	uppression	· .		
				7 1.0220 0				
			Scheduled perc				:	
			Actual percenta	age this d	ate	0%	•	
			No work was p	erformed o	on this task	during		
П		September 196	8.					
	<b>.</b>							
					·	·		
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Scheduled percentage of completion 38%  Actual Percentage this date 39%  The environmental control system at the customer's facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New Clean Room Facility was given to personnel for their use. STAT  The conditions incorporated in Clean Room STAT will be duplicated at the customer's facility.	Declassified in	Part - Sanitized (	Copy Approved for Release	2012/08/17 : CIA	A-RDP79B00873A00	1500010003-5
Scheduled percentage of completion 38%  Actual Percentage this date 39%  The environmental control system at the customer's facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New Clean Room Facility was given to personnel for their use. STAT The conditions incorporated in Clean Room STAT		•				
Scheduled percentage of completion 38%  Actual Percentage this date 39%  The environmental control system at the customer's facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New Clean Room Facility was given to personnel for their use. STAT The conditions incorporated in Clean Room STAT						
Scheduled percentage of completion 38%  Actual Percentage this date 39%  The environmental control system at the customer's facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New Clean Room Facility was given to personnel for their use. STAT The conditions incorporated in Clean Room STAT				• .	·	
Scheduled percentage of completion 38%  Actual Percentage this date 39%  The environmental control system at the customer's facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New Clean Room Facility was given to personnel for their use. STAT The conditions incorporated in Clean Room STAT						
Scheduled percentage of completion 38%  Actual Percentage this date 39%  The environmental control system at the customer's facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New Clean Room Facility was given to personnel for their use. STAT The conditions incorporated in Clean Room STAT				•		
Scheduled percentage of completion 38%  Actual Percentage this date 39%  The environmental control system at the customer's facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New Clean Room Facility was given to personnel for their use. STAT The conditions incorporated in Clean Room STAT						
Scheduled percentage of completion 38%  Actual Percentage this date 39%  The environmental control system at the customer's facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New Clean Room Facility was given to personnel for their use. STAT The conditions incorporated in Clean Room STAT						
Scheduled percentage of completion 38%  Actual Percentage this date 39%  The environmental control system at the customer's facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New Clean Room Facility was given to personnel for their use. STAT The conditions incorporated in Clean Room STAT	• • • .	•				
Actual Percentage this date 39%  The environmental control system at the customer's facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New Clean Room Facility was given to personnel for their use.  STAT  The conditions incorporated in Clean Room STAT		Task 38	Environmental Contro	<b>1</b>		
Actual Percentage this date 39%  The environmental control system at the customer's facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New Clean Room Facility was given to personnel for their use.  STAT  The conditions incorporated in Clean Room STAT						•
Actual Percentage this date 39%  The environmental control system at the customer's facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New Clean Room Facility was given to personnel for their use.  STAT  The conditions incorporated in Clean Room STAT		•	Scheduled percentage	e of compl <b>eti</b> on	n 38%	
The environmental control system at the customer's facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New Clean Room Facility was given to personnel for their use.  STAT  The conditions incorporated in Clean Room STAT						
facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New  Clean Room Facility was given to personnel for their use.  The conditions incorporated in Clean Room STAT			Actual Percentage in	is date	35%	
facility was discussed with the customer during meetings held this month. A copy of a preliminary Engineering Report of New  Clean Room Facility was given to personnel for their use.  The conditions incorporated in Clean Room STAT	•					•
this month. A copy of a preliminary Engineering Report of New  Clean Room Facility was given to personnel for their use.  The conditions incorporated in Clean Room STAT			The environmental co	ontrol system a	at the customer's	·
this month. A copy of a preliminary Engineering Report of New  Clean Room Facility was given to personnel for their use.  The conditions incorporated in Clean Room STAT		facility was	discussed with the cus	tomer during m	eetings held	
Clean Room Facility was given to personnel for their use.  The conditions incorporated in Clean Room STAT	: 					
The conditions incorporated in Clean Room STAT		this month.	A copy of a preliminary			CT A T
The conditions most potatod in	•	Clean Room I	Facility was given to	personnel fo	or their use.	SIAI
will be duplicated at the customer's facility.	•		The conditions incor	po <b>rated</b> in	Clean Room	STAT
		will be dupli	cated at the customer's	facility.		•
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<u>=</u>		Task 39	Reliability Analysi				
		1 <b>ask 3</b> 3	Reliability Analysi	.5			
			Scheduled percent	age of completion	on 0	%	
<u> </u>			Actual percentage	**		%	
			No work was perfo	ormed on this ta	sk during	the	
— []		month of Septe	mber 1968.				
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Task 40

Installation

Scheduled percentage of completion

0%

Actual percentage this date

0%

No work was performed on this task during the month of September.

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	+ . + .	Task 42	Breadboards and	Test Devices		
			Scheduled percer	ntage of completion	n 5%	
	· .		Actual percentage	e this date	9%	
				services are being	•	
		the film drive	and transport syst	em. See Task #12		
	:			. •		
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		m. 1 40		•	
П		Task 43	Computer Programming and Servic	es	
			Scheduled percentage of completi		
	* 1	•	Actual percentage this date	21%	
B			The subcentract covering the		
Ц		for the Stereoc	The subcontract covering the common comparator has been signed by		STAT
		returned to	omparator has been signed by	and	STAT
П			During the month of September,		STAT
		personnel has	been utilizing the computer install	ed in the Clean	
			op and prepare their programming de		
П			progress report for Sep		STAT
		is included as	•		
П					
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Task 44	Preacceptance Test in Fabrication Plant
	Scheduled percentage of completion 0%
	Actual percentage this date 0%
	No work was performed on this task during the
month of Se	ptember.
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	•	• •	·			
_	To al. 45	Aggantanga Tá	est in Tabricati	ion Dlant		
	Task 45	Acceptance Te	est in rabilicati	ion Plant	:	
			•			
			· · · · · · · · · · · · · · · · · · ·			
		Scheduled per	centage of con	npletion	0%	
		Actual percen	tage this date		0%	
		Actual percen	tage this date		0 /e	•
_	•	•	•		•	
П						•
		No work was	performed on the	his task dui	ring	
F	the month of S	September 1968.				
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				, <u>.</u>	· .
	Task 46	Acceptance Tes	t after Installat	ion	
		Scheduled perc	entage of compl	etion 0%	
		Actual percenta	ge this date	0%	
		No work was no	exformed on this	to ale dimens	ing Asian in the State of the S
	the month of S	eptember 1968.	erformed on this	task during	
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		<b>15</b>	STAT
Task 47	Instruction Manual and Drawing	Submittal	· ·
	Scheduled percentage of complet	ion 0%	·
	Actual percentage this date	0%	
	During the month of September,	initiated	STAT
plans for t	the writing and production of the Instru	uction Manual	
for the Ste	reocomparator.		
•	Drawings for various subassembl	lies have	
been revis	ed to "as built" status for inclusion i	n the Instruction	
Manual.			·

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		· · · · · · · · · · · · · · · · · · ·	
	Task 48	Spare Parts List	
		•	•
		Scheduled percentage of completi	on 0%
		Actual percentage this date	-0%
	• •	No work has been performed on th	is task
•	during the n	nonth of September 1968.	
	• •		
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	Task 49 Operator Training	
	Scheduled percentage of completion 0%	
	Actual percentage this date 0%	
	Plans are in process at this time for the	
	compilation of information to be used in the Operator Training	
	Manual.	

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		Septer PR-68	nber 19, 1968 -1070-2		
					STA
Attention:					· STAT
Gentlemen:					
Gentiemen:	* * *				
Enclosed is a monthly September 30, 1968,	progress roor the comp	eport for the uter progran	period Septem	ber l - Stereoscan.	
Enclosed is a monthly September 30, 1968,	progress roor the comp	uter progran	nming for the S	ber 1 - Stereoscan.	
Enclosed is a monthly September 30, 1968,	progress reor the comp	uter progran	period Septem nming for the S ruly yours,	ber 1 - Stereoscan.	
Enclosed is a monthly September 30, 1968,	progress reor the comp	uter progran	nming for the S	ber 1 - Stereoscan.	
Enclosed is a monthly September 30, 1968, 1	progress roor the comp	uter progran	nming for the S	ber 1 - Stereoscan.	
September 30, 1968,	progress reor the comp	uter progran	nming for the S	ber 1 - Stereoscan.	
Enclosed is a monthly September 30, 1968, 1	progress reor the comp	uter progran	nming for the S	ber 1 - Stereoscan.	STA
September 30, 1968,	progress roor the comp	uter progran	nming for the S	ber 1 - Stereoscan.	
September 30, 1968,	progress roor the comp	uter progran	nming for the S	ber 1 - Stereoscan.	
September 30, 1968,	progress roor the comp	uter progran	nming for the S	ber 1 - Stereoscan.	
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September 30, 1968,	progress roor the comp	uter progran	nming for the S	ber 1 - Stereoscan.	
September 30, 1968,	progress roor the comp	uter progran	nming for the S	ber 1 - Stereoscan.	
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		MÖNTHLY PROGRESS REPORT	
		September, 1968	
	Septe	technical report is for the reporting period from September 1 to ember 30, 1968 according to Specinion number DB-1001 (as modified).	STAT
	1.	This month the following activities have taken place on the project: the examination of the "REORIENT" procedure, familiarization with the DDP 516 computer, the creation of detailed flow charts for one of the executive programs, and the coding of one of the Fortran subprograms. Approximately 15% of the work has been completed.	
·	2.	Next month detailed flow charts for the remaining subprograms will be generated and all Fortran subprograms will be coded. Modifications to the released computer software will be undertaken to facilitate program development. The analysis of the "NO CAMERA DATA" case will be completed.	
	3.	At this time there exist no pending, unresolved technical problems.	
	4.	There are no pending, unresolved contractual problems.	
	5.	It was orally agreed that a new filter would be designed to handle the probable cross-talk from the output of the correlator. A preliminary model has been designed by and will be integrated this month.	e STAT
	6.	No changes or agreements have been made requiring approval of the contracting officer.	
· .	7.	No other unresolved matters are known to exist.	
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